FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 16:10:18 ON 20 SEP 2006
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 SEP 2006 HIGHEST RN 907944-91-6
DICTIONARY FILE UPDATES: 19 SEP 2006 HIGHEST RN 907944-91-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Effective September 24, 2006, Concord 3D coordinates will no longer be available. Please contact CAS Customer Care (http://www.cas.org/supp.html) if you have a need for 3D coordinates.

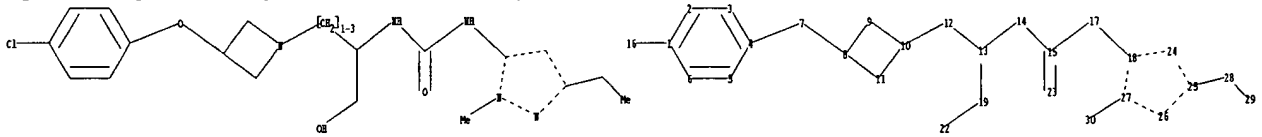
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10507139s.str



chain nodes :
7 12 13 14 15 16 17 19 22 23 28 29 30
ring nodes :
1 2 3 4 5 6 8 9 10 11 18 24 25 26 27
chain bonds :
1-16 4-7 7-8 10-12 12-13 13-14 13-19 14-15 15-17 15-23 17-18 19-22 25-28 27-30 28-29
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-10 10-11 18-24 18-27 24-25 25-26 26-27
exact/norm bonds :
4-7 7-8 8-9 8-11 9-10 10-11 13-14 14-15 15-17 15-23 17-18 18-24 18-27 19-22 24-25 25-26 26-27
exact bonds :
1-16 10-12 12-13 13-19 25-28 27-30 28-29
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

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Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:Atom  9:Atom  10:Atom
11:Atom  12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:CLASS  18:Atom
19:CLASS  22:CLASS  23:CLASS  24:Atom  25:Atom  26:Atom  27:Atom  28:CLASS
29:CLASS  30:CLASS



L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.


=> s l1
SAMPLE SEARCH INITIATED 16:10:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        0 TO ITERATE

100.0% PROCESSED        0 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            0 TO        0
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 16:10:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       12 TO ITERATE

100.0% PROCESSED       12 ITERATIONS                                  3 ANSWERS
SEARCH TIME: 00.00.01

L3            3 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   166.94     167.15

FILE 'CAPLUS' ENTERED AT 16:10:41 ON 20 SEP 2006
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FILE COVERS 1907 - 20 Sep 2006 VOL 145 ISS 13
FILE LAST UPDATED: 19 Sep 2006 (20060919/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l3
L4   1 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

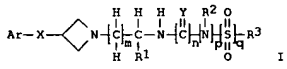
ACCESSION NUMBER: 2003:757517 CAPLUS
DOCUMENT NUMBER: 139:276805
TITLE: Preparation of azetidine derivatives as CCR-3 receptor antagonists
INVENTOR(S): Le Grand, Darren Mark; McCarthy, Clive; Walker, Clive Victor; Woods, John James
PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis Pharma Gmbh
SOURCE: PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003077907	A1	20030925	WO 2003-EP2715	20030314
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2479266	AA	20030925	CA 2003-2479266	20030314
AU 2003227072	A1	20030929	AU 2003-227072	20030314
EP 1487435	A1	20041222	EP 2003-744367	20030314
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003008419	A	20050118	BR 2003-8419	20030314
CN 1638761	A	20050713	CN 2003-805648	20030314
JP 2005526773	T2	20050908	JP 2003-575960	20030314
US 2005222118	A1	20051006	US 2004-507139	20040909
NO 2004004373	A	20041014	NO 2004-4373	20041014

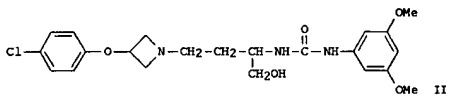
PRIORITY APPLN. INFO.:

GB 2002-6218	A	20020315
GB 2002-29627	A	20021219
WO 2003-EP2715	W	20030314

OTHER SOURCE(S): MARPAT 139:276805
GI

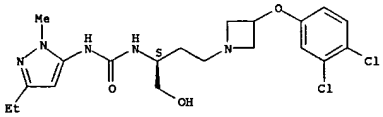


I



II

AB The title compds. [I; Ar = (un)substituted Ph; R1 = H, alkyl optionally

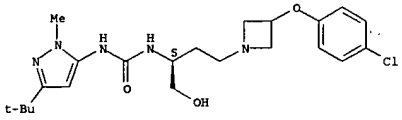


substituted by OH, alkoxy, acyloxy, halo, CO2H, etc.; R2 = H, alkyl or cycloalkyl, and R3 = alkyl substituted by Ph, OPh, acyloxy or naphthyl, or R3 = cycloalkyl optionally having a benzo group fused thereto, a heterocyclic group having 5-11 ring atoms of which 1-4 are heteroatoms, (un)substituted Ph or naphthyl, or R2 and R3 together with the nitrogen atom to which they are attached denote a heterocyclic group having 5-10 ring atoms of which 1-3 are heteroatoms; X = CO, O, CH2, CH(OH); Y = O, S; m = 1-4; and n, p and q = 0, 1 (n+p+q = 1, 2; n+q = 1; p+q = 1; and when n = 0, p = 0)], useful for treating conditions mediated by CCR3, were prepd. Thus, reacting (S)-2-amino-4-[3-(4-chlorophenoxy)azetidin-1-yl]butan-1-ol with 3,5-dimethoxyphenyl isocyanate in CH2Cl2 afforded the urea (S)-II which showed IC50 of 0.007 μM against CCR-3 binding. The exemplified compds. I generally have IC50 values below 1 μM in CCR-3 binding assay. Pharmaceutical compns. that contain the compds. I and processes for prepg. the compds. are also described.

IT 606128-20-5P 606128-29-4P 606129-18-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of azetidine derivs. as CCR-3 receptor antagonists)

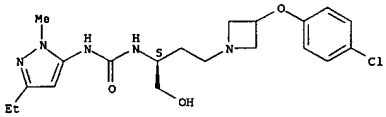
RN 606128-20-5 CAPLUS
CN Urea, N-[(1S)-3-[3-(4-chlorophenoxy)-1-azetidinyl]-1-(hydroxymethyl)propyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 606128-29-4 CAPLUS
CN Urea, N-[(1S)-3-[3-(4-chlorophenoxy)-1-azetidinyl]-1-(hydroxymethyl)propyl]-N'-(3-ethyl-1-methyl-1H-pyrazol-5-yl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 606129-18-4 CAPLUS
CN Urea, N-[(1S)-3-[3-(3,4-dichlorophenoxy)-1-azetidinyl]-1-(hydroxymethyl)propyl]-N'-(3-ethyl-1-methyl-1H-pyrazol-5-yl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.57	172.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

FILE 'REGISTRY' ENTERED AT 16:10:51 ON 20 SEP 2006

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STRUCTURE FILE UPDATES: 19 SEP 2006 HIGHEST RN 907944-91-6
DICTIONARY FILE UPDATES: 19 SEP 2006 HIGHEST RN 907944-91-6

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